

July 1, 1999

## **CLASS SPECIFICATION**

### **SAN DIEGO CITY CIVIL SERVICE COMMISSION**

#### **JUNIOR ENGINEER - ELECTRICAL**

##### **DEFINITION:**

Under immediate supervision and in a training capacity, to perform increasingly responsible professional level electrical or electronic engineering work; to check less complex plans for electrical or electronic design; and to perform related work.

##### **\* EXAMPLES OF DUTIES:**

- Inspects electrical contract work to ensure compliance with plans and specifications;
- Does electrical or electronic design work on lighting, communications, and signal systems;
- Prepares sketches, layouts, material lists, and cost estimates;
- Checks construction plans for conformance to contract requirements;
- Checks less complex building plans for conformance to applicable electrical regulations and calculates electrical adequacy;
- Prepares reports.

##### **MINIMUM QUALIFICATIONS:**

Please note: the minimum qualifications stated below are a guide for determining the education, training, experience, special skills, and/or license which may be required for employment in the class. These are re-evaluated each time the position is opened for recruitment. Please refer to the most recent Job Announcement for updated minimum qualifications.

A Bachelor's degree in Electrical Engineering, Electronics, or a closely related engineering field; **OR** registration as a professional Electrical Engineer with a State Licensing Board; **OR** possession of an Engineer-in-Training certificate issued by a State Licensing Board.

- \* **EXAMPLES OF DUTIES** performed by employees in this class. The list may not include all required duties, nor are all listed tasks necessarily performed by everyone in this class.